(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 16 June 2005 (16.06.2005)

PCT

(10) International Publication Number WO 2005/055680 A1

(51) International Patent Classification⁷: H0 C23F 1/02

H05K 3/06,

(21) International Application Number:

PCT/AU2004/001686

(22) International Filing Date: 1 December 2004 (01.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003906776

5 December 2003 (05.12.2003) AU

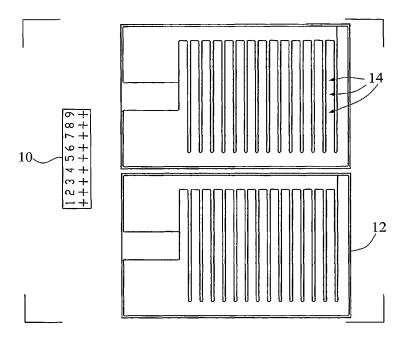
- (71) Applicant (for all designated States except US): THE COMMONWEALTH OF AUSTRALIA [AU/AU]; Department Of Defence, Anzac Park West, Canberra, Australian Capital Territory 2600 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WILSON, Alan, Richard [AU/AU]; 26 Nerissa Street, Glen Iris, Victoria

3146 (AU). VINCENT, Peter, Stephen [AU/AU]; 43 Waterdale Road, Ivanhoe, Victoria 3079 (AU). MUSCAT, Richard, Francis [AU/AU]; 16 Steele Street, Moonee Ponds, Victoria 3039 (AU).

- (74) Agent: GRIFFITH HACK; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: METHOD OF MANUFACTURING AN ELECTRICAL COMPONENT



(57) Abstract: There is disclosed a method of manufacturing an electrical component, involving bonding a thin metal foil to an insulating substrate and thereby forming a component blank, and laser machining at least the metal foil of said component blank to produce at least one trench for defining one or more foil tracks, said trench being at least equal in depth to the thickness of the foil so as to prevent current flow across the trench.



WO 2005/055680 A1



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report